

Appendix A. Table 1. Main search performed in MEDLINE®

#	Search History	Results	Summary
1	disab\$.af.	66184	Disability
2	Limitation\$.af.	45673	
3	Handicap\$.af.	13104	
4	Impair\$.af.	152795	
5	1 or 2 or 3 or 4	263105	
6	exp bone diseases, developmental/	36107	Height, growth disorders and short stature
7	exp growth disorders/	16301	
8	exp body height/	18639	
9	short stature.tw.	3374	
10	6 or 7 or 8 or 9	68793	
11	5 and 10	3203	Questions 1 & 2
12	exp *bone diseases, developmental/	27528	Linear growth and linear growth delay
13	(short stature or skeletal dysplasia).tw.	3798	
14	Growth velocity.tw.	1257	
15	Growth retardation.tw.	8452	
16	Growth delay.tw.	1306	
17	Growth restriction.tw.	725	
18	Height retardation.tw.	16	
19	(height adj6 restrict\$).tw.	54	
20	linear velocity.tw.	160	
21	(height adj6 delay).tw.	89	
22	Length delay.tw.	106	
23	(length adj6 retardation).tw.	145	
24	exp growth disorders/	16301	
25	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24	51939	
26	*fetal development/	6938	Excluded diseases/conditions
27	*pregnancy/	21154	
28	*facial bones/	3492	
29	*facies/	103	
30	*failure to thrive/	443	
31	*thanatophoric dysplasia/	122	
32	*fetal growth retardation/	3897	
33	exp basal cell nevus syndrome/	536	
34	exp craniofacial dysostosis/	3267	
35	exp klippel-feil syndrome/	469	
36	exp synostosis/	4073	
37	exp funnel chest/	828	
38	exp gigantism/	823	
39	exp leg length inequality/	1670	
40	exp marfan syndrome/	2697	
41	exp fibrous dysplasia of bone/	2313	
42	exp hyperostosis, cortical, congenital/	353	
43	exp hyperostosis frontalis interna/	241	
44	exp exostoses, multiple hereditary/	601	
45	exp osteopetrosis/	1419	
46	exp osteopoikilosis/	209	
47	exp acquired hyperostosis syndrome/	37	
48	exp platybasia/	278	

49	26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48	54379	
50	25 not 49	32177	Question 3
51	11 or 50	36731	Questions 1, 2 & 3
52	Case Report/	964105	Exclude case reports
53	51 not 52	22559	
54	limit 53 to human	18613	Limit to humans and English language
55	limit 54 to English language	14258	
56	limit 55 to (newborn infant <birth to 1 month> or infant <1 to 23 months> or preschool child <2 to 5 years> or child <6 to 12 years> or adolescence <13 to 18 years>)	9857	Limit to children
57	55 not 56	4401	
58	limit 57 to (adult <19 to 44 years> or middle age <45 to 64 years> or "aged <65 and over>" or "aged, <80 and over>")	900	
59	55 not 58	13358	
60	limit 59 to (addresses or bibliography or biography or comment or dictionary or directory or editorial or festschrift or interview or letter or news or periodical index)	714	
61	59 not 60	12644	

Table 2. Supplemental searches performed in MEDLINE[®]

#	Search History	Results	Summary
1	exp growth	203509	Growth / Growth disorders
2	exp growth disorders	16301	
3	1 or 2	215194	
4	exp Heart diseases	445916	Growth & Heart diseases
5	3 and 4	9467	
6	limit 5 to human, English, and children; Exclude main search results	667	
7	exp Arthritis, rheumatoid	44173	Growth & Arthritis
8	3 and 6	184	
9	limit 8 to human, English, and children; Exclude main search results	47	
10	exp Asthma	52692	Growth & Asthma
11	2 and 8	618	
12	limit 11 to human, English, and children; Exclude main search results	169	
13	6 or 9 or 12	883	Total

Appendix B. Acronyms and Abbreviations

AAP	American Academy of Pediatrics
ACH	Achondroplasia
ADL	Activities of daily living
AHRQ	Agency for Healthcare Research and Quality
AIDS	Acquired immunodeficiency syndrome
ARC	AIDS-related complex
ARPKD	Autosomal recessive polycystic kidney disease
BAER	Brainstem auditory evoked responses
BAS	British Ability Scales
BASC	Behavior Assessment System for Children
BDI	Beck Depression Inventory
BSA	Body surface area
BSID	Bayley Scales of Infant Development
CARA	Chronic aspecific respiratory affection
CAS	Cognitive abilities score
CBCL	Child Behavior Checklist
CBPC	Child Behavior Problem Checklist
CGD	Constitutional growth delay
CHD	Congenital heart disease
CHF	Congestive heart failure
CHIPS	Children's Interpersonal Problem Solving Scale
CKD	Chronic kidney disease
CKF	Chronic kidney failure
CP	Cerebral palsy
CPQ	Children's Personality Questionnaire
DDST	Denver developmental screening test
Dept	Department
DM	Diabetes mellitus
EPC	Evidence-based Practice Center
ESRD	End-stage renal disease
FEV ₁ /FVC	Forced expiratory volume in 1 second divided by forced vital capacity
FRNS	Focal relapsing nephrotic syndrome
FSGS	Focal segmental glomerular sclerosis
FSS	Familial short stature
FVC	Forced vital capacity
GFR	Glomerular filtration rate
GH	Growth hormone
GHb	Glycohemoglobin
GHD	Growth hormone deficiency

Acronyms and Abbreviations, continued

GVI	Growth velocity index
HANES	Hamburg Neuroticism Extraversion Scale
Hgb	Hemoglobin
Hgb A _{1c}	Hemoglobin A _{1c} (Glycosylated hemoglobin)
HIV	Human immunodeficiency virus
HRQOL	Health-related quality of life
IBD	Inflammatory bowel disease
IQ	Intelligence quotient
ISS	Isolated short stature
IUGR	Intrauterine growth retardation
JLO	judgment of line orientation
JRA	Juvenile rheumatoid arthritis
K-BIT	Kaufman-Brief Intelligence Test
KTEA	Kaufman Test of Educational Achievement
LPA	Little People of America
LPS	Structural Intelligence Test, in German
MES	Marburg Scales of Perceived Parental Behavior
MHD	Multiple hormone deficiency
min	Minutes
N&S	Nowicki and Strickland Locus of control scale
NCHS	National Center for Health Statistics
Neale	Neale analysis of reading ability, British edition
NS	Non-significant
OI	Osteogenesis imperfecta
ORNS	Occasional or no relapsing nephrotic syndrome
P CO ₂	Carbon dioxide partial pressure
P O ₂	Oxygen partial pressure
PEDI	Pediatric Evaluation of Disability Inventory
PIAT	Peabody Individual Achievement Test
PKD	Polycystic kidney disease
PPVT-R	Peabody Picture Vocabulary Test-Revised
RBQ	Rutter's Behavior Questionnaire
ROM	Range of motion
RR	Relative Risk
RSS	Russell-Silver Syndrome
RV	Residual volume
SB	Stanford-Binet Intelligence Scale
SD	Standard deviation
SDNS	Steroid dependent nephrotic syndrome

Acronyms and Abbreviations, continued

SDS	Standard deviation score
SEP	Somatosensory evoked potentials
SES	Socioeconomic status
SIT	Slosson Intelligence Test
SRNS	Steroid-resistant nephrotic syndrome
SSA	Social Security Administration
SSTAI	Spielberger State-Trait Anxiety Inventory Score
TS	Turner Syndrome
UC	Ulcerative colitis
VMI	Visual motor integration
VSD	Ventricular septal defect
WISC	Wechsler Intelligence Scale for Children
WRAT	Wide Range Achievement Test

Appendix C. Acknowledgments

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